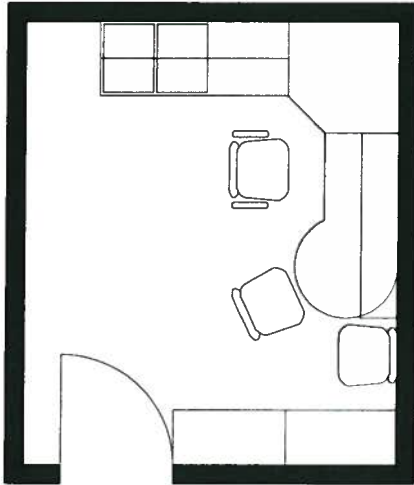


## Space and Adjacency Detail

### Electronic Engineering Branch Shop

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#### Test Fit – Team Leader / Depot Manager Office



#### Furniture and Equipment – Team Leader / Depot Manager Office

Qty	Type
1	Workstation/Desk
1	Desk Chair
2	Guest Chairs
2	Under Desk File Cabinets
TBD	File Cabinets

---

\*All furniture and equipment to be government issued, government installed.

*Exm JB*

**Room Data Sheet****Electronics Engineering Branch Shop****Division:** Electronics Engineering (EEB) Shop**Space Name:** Team Leader, Depot Manager Office

<u>Requirement</u>	<u>Building Standard *</u>	<u>Other Than Building Standard</u>	<u>Tenant Improvement</u>	<u>Building Shell</u>
<b>Architectural</b>				
Floor Finish	Carpet or VCT		X	
Ceiling Finish	Acoustical Tile			X
Wall Finish	Painted GWB		X	
Base	X		X	
Doors and Hardware	X		X	
Window Covering	Blinds		X	
<b>Security</b>				
Security	X		X	X
<b>Electrical</b>				
Electrical Power	X	120 v single phase		X
Electrical Outlets	X		X	
Data/IT	X (not wireless)		X	
Communications	X		X	
Lighting FC	X			X
Lighting Controls	X	Occupancy Sensors		X
<b>HVAC</b>				
Distribution	X			X
Controls	X			X
Specialized Exhaust	N/A			
<b>Plumbing</b>				
	N/A			
<b>Fire Systems</b>				
	X			X
<b>Other</b>				
		Views to Outside		X

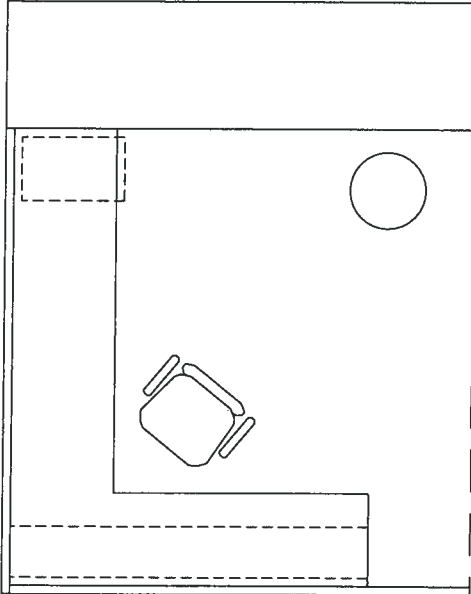
\* Refer to SFO for additional description of building standard requirements

## Space and Adjacency Detail

### Electronic Engineering Branch Shop

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#### Test Fit – Electronics Tech Workstation and Bench (used by two techs)



#### Furniture and Equipment – Electronics Tech Workstation and Bench (used by two techs)

Qty	Type
1	Workstation/Desk
1	Desk Chair
1	Stool
1	Under Desk File Cabinets
TBD	Adjustable Shelving

\*All furniture and equipment to be government issued, government installed.

# Space and Adjacency Detail

## Room Data Sheet

## Electronics Engineering Branch Shop

**Division:** Electronics Engineering (EEB) Shop  
**Space Name:** Electronics Tech. Workstation & Bench

<u>Requirement</u>	<u>Building Standard *</u>	<u>Other Than Building Standard</u>	<u>Tenant Improvement</u>	<u>Building Shell</u>
<b>Architectural</b>				
Floor Finish		Non-conductive, easily cleanable floor surface to be determined during design	X	
Ceiling Finish	Acoustical Tile			X
Wall Finish	Painted GWB		X	
Base	X		X	
Doors and Hardware	X		X	
Window Covering	Blinds		X	
<b>Security</b>				
Security	X		X	X
<b>Electrical</b>				
Electrical Power	X	208/240 v single phase		X
		120 v single phase		X
Electrical Outlets	X	10 -20 outlets for bench top repair	X	
Data/IT	X (not wireless)	Connections required at workstations and workbenches	X	
Communications	X		X	
Lighting FC	X	100 fc		X
Lighting Controls	X	Occupancy Sensors		X
<b>HVAC</b>				
Distribution	X			X
Controls	X			X
Specialized Exhaust		Required for soldering	X	
<b>Plumbing</b>				
	N/A			
<b>Fire Systems</b>				
		Waterless system, to be determined during design		X
<b>Other</b>				
		Views to Outside		X
		Proximity to restroom		X

\* Refer to SFO for additional description of building standard requirements

## Space and Adjacency Detail

### Electronic Engineering Branch Shop

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## Maintenance Shops

The shop area includes spaces for the Maintenance Mechanic, the Wood Shop, Machine Shop, Paint Booths and Tool Room. A restroom, shower and emergency shower shall also be included in this area.

## Spatial Requirements

Capacity    Quantity    Unit Net SF    Total Net SF

### Shops Complex Spaces (includes maintenance shops, boat shed, and electronic shop/ lab)

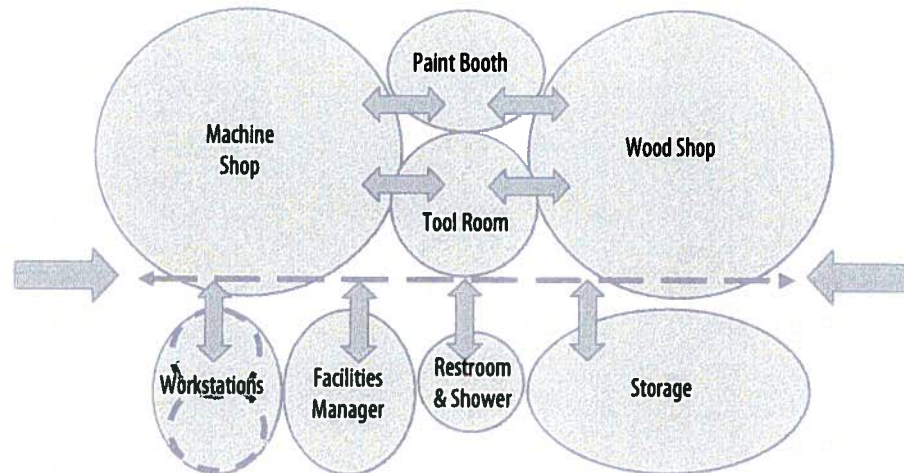
#### Maintenance Shops

Facilities Manager Office	1	1	@ 120 nsf	120
Maintenance Mechanic Workstation	1	2	@ 72 nsf	144
Wood Shop	1	1	@ 760 nsf	760
Machine Shop	1	1	@ 760 nsf	760
Paint Booth	3	1	@ 120 nsf	120
Shower (attached to building shell restrooms)	1	2	@ 32 nsf	64
Tool Room	1	1	@ 120 nsf	120
Storage	1	1	@ 175 nsf	175

Subtotal Shops

2,263

## Adjacency Diagrams



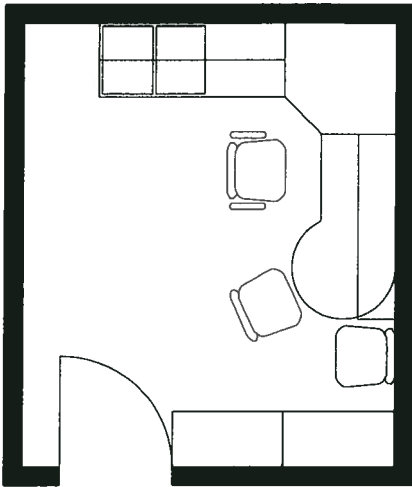
*Adm JB*

## Space and Adjacency Detail

### Maintenance Shops

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#### Test Fit – Facilities Manager



#### Furniture and Equipment – Facilities Manager

Qty	Type
1	Workstation/Desk
1	Desk Chair
2	Guest Chairs
2	Under Desk File Cabinets
TBD	File Cabinets

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\*All furniture and equipment to be government issued, government installed.

A handwritten signature in blue ink, appearing to be "D. M. JB".

**Room Data Sheet****Maintenance Shops****Division:** Maintenance Shops**Space Name:** Facilities Manager, Maintenance Mechanic

<u>Requirement</u>	<u>Building Standard *</u>	<u>Other Than Building Standard</u>	<u>Tenant Improvement</u>	<u>Building Shell</u>
<b>Architectural</b>				
Floor Finish	Carpet/ Rug or VCT		X	
Ceiling Finish	X			X
Wall Finish	X		X	
Base	X		X	
Doors and Hardware	X		X	
Window Covering	N/A			
<b>Security</b>				
Security	X		X	X
<b>Electrical</b>				
Electrical Power	X			X
Electrical Outlets	X		X	
Data/IT	X		X	
Communications	X		X	
Lighting FC	X			X
Lighting Controls	X	Occupancy Sensors		X
<b>HVAC</b>				
Distribution	X			X
Controls	X			X
Exhaust	N/A			
<b>Plumbing</b>				
	X			X
<b>Fire Systems</b>				
	X			X

**Other****\* Refer to SFO for additional description of building standard requirements**

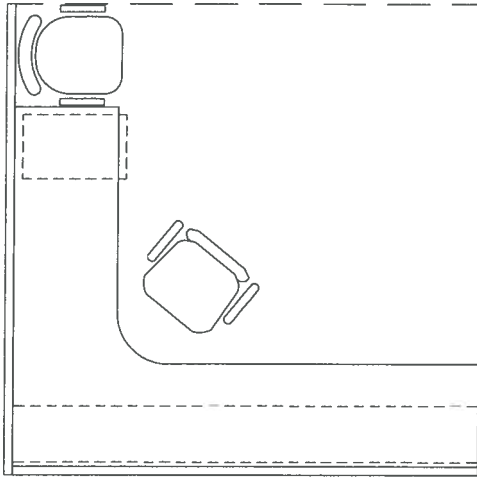



## Space and Adjacency Detail

### Maintenance Shops

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#### Test Fit – Maintenance Mechanic Workstation



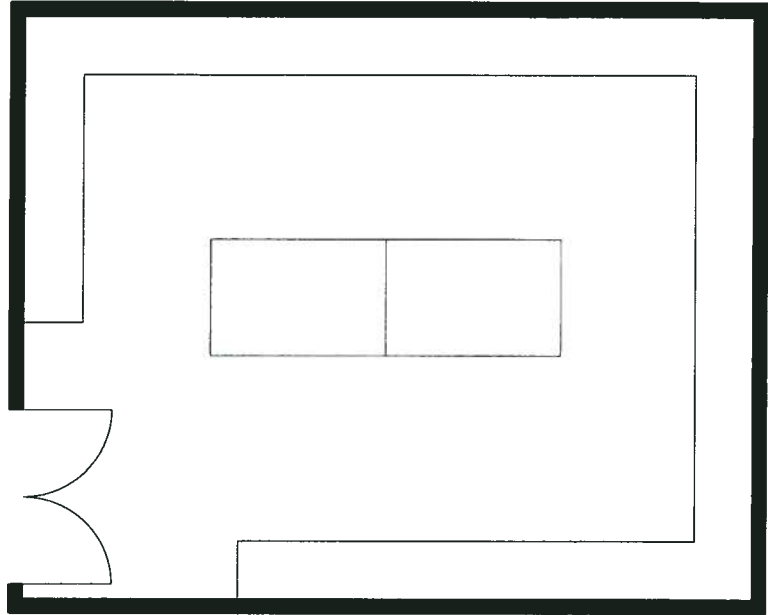
#### Furniture and Equipment – Maintenance Mechanic

Qty	Type
1	Workstation/Desk
1	Desk Chair
1	Guest Chair
1	Under Desk File Cabinet
TBD	Adjustable Shelves

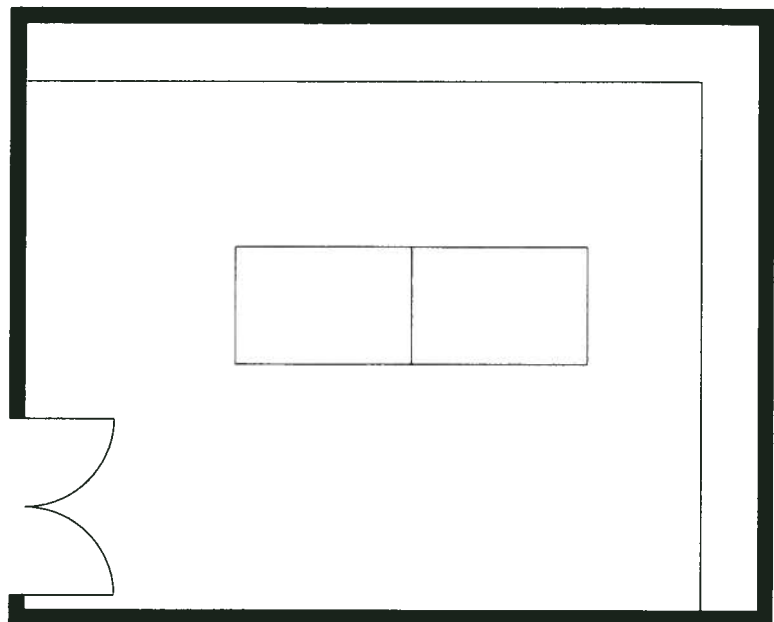
\*All furniture and equipment to be government issued, government installed.

A handwritten signature in blue ink, appearing to be 'D. M. S. B.' or similar, located below the page number.

**Test Fit – Wood Shop**



**Test Fit – Machine Shop**



*Handwritten signatures in blue ink.*

## Space and Adjacency Detail

### Maintenance Shops

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#### Furniture and Equipment – Wood Shop and Machine Shop

Qty	Type
2	Tablesaws
3	Bandsaws
2	Sanders
1	Planer/ Surface
1	Jointer
1	Panel Saw
2	Bench Grinder
2	Welders
1	Lathe
1	Milling Machine
1	Plasma Cutter
4	Computers
1	Fax Machine/ Printer
1	Copier
3	Drill Presses

---

\*All furniture and equipment to be government issued, government installed.



# Space and Adjacency Detail

## Room Data Sheet

## Maintenance Shops

**Division:** Maintenance Shops  
**Space Name:** Wood Shop, Machine Shop

Requirement	Building Standard *	Other Than Building Standard	Tenant Improvement	Building Shell
<b>Architectural</b>				
Floor Finish	Sealed Concrete			X
Ceiling Finish	X			X
Min. Ceiling Height	18'			X
Wall Finish	X		X	
Base	X		X	
Doors and Hardware		Access to (2) 12'x16' Overhead Doors		X
		Access from a Personnel Door		X
Window Covering	N/A			
<b>Security</b>				
Security	X		X	X
<b>Electrical</b>				
Electrical Power		480 v 3 phase		X
		150 amps		X
Electrical Outlets	X		X	
Data/IT	X		X	
Communications	X		X	
Lighting FC		100 fc		X
Lighting Controls	X	Occupancy Sensors		X
<b>HVAC</b>				
Distribution	X			X
Controls	X	Separate Controls	X	
Exhaust		Required	X	
		Dust Removal System in Wood Shop	X	
		Solder Exhaust in Wood Shop	X	
<b>Plumbing</b>				
		Connections for utility sink		X
<b>Fire Systems</b>				
	X			X
<b>Other</b>				
		Utility sink	X	
		Proximity to restroom		X

\* Refer to SFO for additional description of building standard requirements

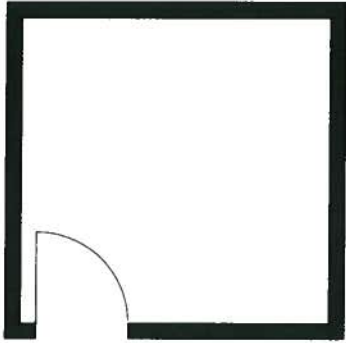
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## Space and Adjacency Detail

### Maintenance Shops

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#### Test Fit – Paint Booth



*John JB*

## Room Data Sheet

## Maintenance Shops

Division: Maintenance Shops

Space Name: Paint Booth

Requirement	Building Standard *	Other Than Building Standard	Tenant Improvement	Building Shell
<b>Architectural</b>				
Floor Finish	Sealed Concrete			X
Ceiling Finish	X			X
Wall Finish		Paint booth partitions	X	
Base	X		X	
Doors and Hardware	X		X	
Window Covering	N/A			
<b>Security</b>				
Security	X		X	X
<b>Electrical</b>				
Electrical Power	X	480 volt 3phase, 120 amps		X
Electrical Outlets	X		X	
Data/IT	N/A			
Communications	N/A			
Lighting FC	Refer to SFO Warehouse standards			X
Lighting Controls	X	Occupancy Sensors		X
<b>HVAC</b>				
Distribution	X			X
Controls	X			X
Exhaust		Required		X
<b>Plumbing</b>		as required for equipment and utility sink		X
<b>Fire Systems</b>	X			X
<b>Other</b>				
		Compressed air	X	
		Utility sink	X	

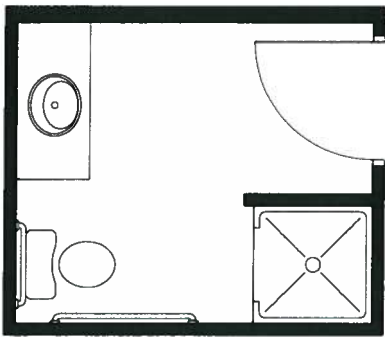
\* Refer to SFO for additional description of building standard requirements

## Space and Adjacency Detail

### Maintenance Shops

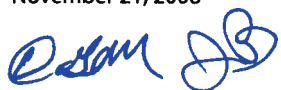
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#### Test Fit – Restroom and Shower



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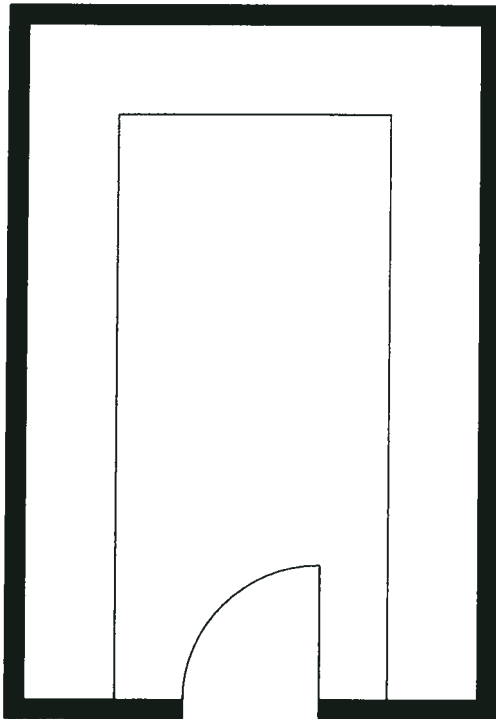


## Space and Adjacency Detail

### Maintenance Shops

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#### Test Fit – Tool Room



**Room Data Sheet****Division:** Maintenance Shops**Space Name:** Tool Room, Storage

<b>Requirement</b>	<b>Building Standard *</b>	<b>Other Than Building Standard</b>	<b>Tenant Improvement</b>	<b>Building Shell</b>
<b>Architectural</b>				
Floor Finish	VCT or Concrete		X	
Ceiling Finish	X			X
Wall Finish	X		X	
Base	X		X	
Doors and Hardware	X		X	
Window Covering	N/A			
<b>Security</b>				
Security	X		X	X
<b>Electrical</b>				
Electrical Power	X			
Electrical Outlets	N/A			
Data/IT	N/A			
Communications	N/A			
Lighting FC	X			X
Lighting Controls	X	Occupancy Sensors		X
<b>HVAC</b>				
Distribution	X			X
Controls	X			X
Exhaust	N/A			
<b>Plumbing</b>				
	N/A			
<b>Fire Systems</b>				
	X			X
<b>Other</b>				
		Shelving in Tool Room and Storage	X	

\* Refer to SFO for additional description of building standard requirements

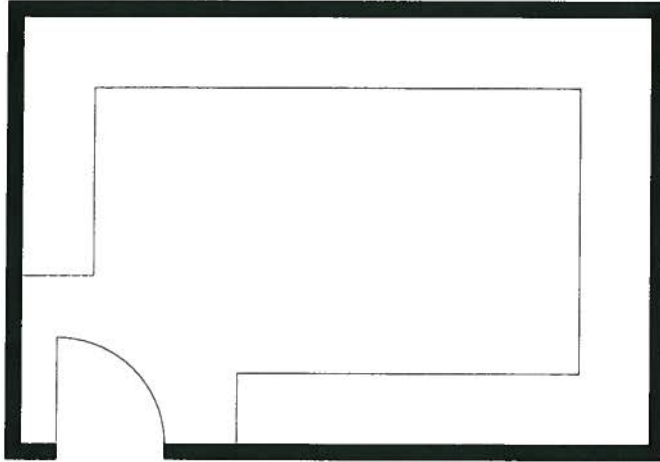


## Space and Adjacency Detail

### Maintenance Shops

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#### Test Fit – Storage



*Handwritten signature in blue ink.*

# Warehouse



## Space and Adjacency Detail

### Warehouse

### Warehouse

The warehouse space required is dependent upon site location and distance from the NOAA Western Regional Center. In addition to the spaces below, it will include an office for shipping/receiving and be in close proximity to the hazardous materials storage and Marine Engineering Branch.

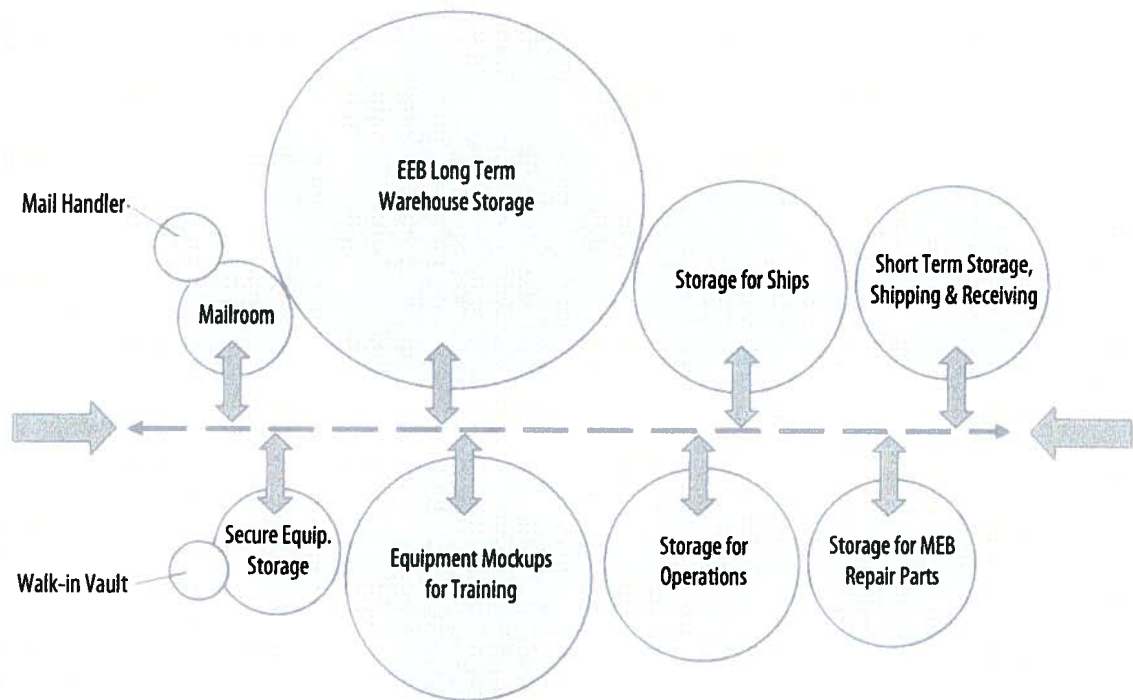
The warehouse requires a loading area that shall accommodate maneuvering space for large vehicles including semi-tractor trailers. Minimum turning radius requirement is 19'-10" inside radius and 42'-0" outside radius.

### Spatial Requirements

	Capacity	Quantity	Unit	Net SF	Total Net SF
<b>Warehouse *</b>					
Short Term Storage for EEB (near Shipping and Receiving)		1	@ 150 nsf		150
Short Term Storage, Shipping & Receiving		1	@ 500 nsf		500
Storage for MEB Repair Parts		1	@ 300 nsf		300
Storage for Operations		1	@ 500 nsf		500
Storage for Ships		1	@ 600 nsf		600
Secure Storage (for Laptops, Deemed Export, Highly Sensitive Items)	1	1	@ 72 nsf		72
Secure Equipment Storage		1	@ 150 nsf		150
Equipment Mockups for Training		1	@ 800 nsf		800
Mock-up Area for Repair and Training	1	1	@ 500 nsf		500
Storage for Repair Parts and Test Equipment	1	1	@ 120 nsf		120
EEB Long Term Warehouse Storage (16' rack height)		1	@ 1,110 nsf		1,110
Materials Handler	1	1	@ 72 nsf		72
Mailroom	1	1	@ 120 nsf		120
Walk-in Vault for Ammunitions	N/A	1	@ 100 nsf		100
Wash-down Area with Emergency Shower	1	1	@ 50 nsf		50
<i>Subtotal Warehouse</i>					5,144



## Adjacency Diagrams



### Furniture for Warehouse to include:

- Computers (2)
- Battery charger for fork lift
- Postal machine
- Electric typewriter
- Copier
- Fax

*Handwritten signatures: DGM and JB*

# Space and Adjacency Detail

## Warehouse

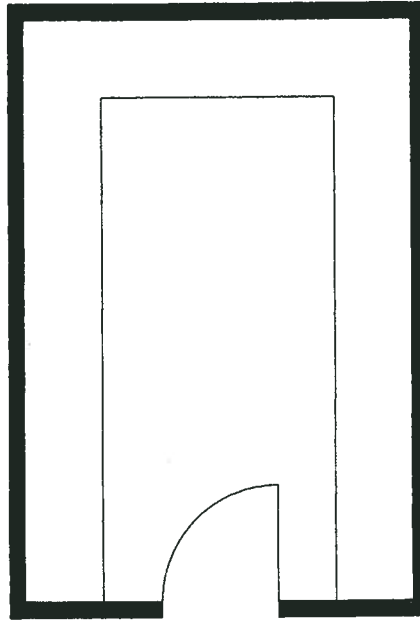
### Room Data Sheet

**Division:** Warehouse  
**Space Name:** General Warehouse Space

<u>Requirement</u>	<u>Building Standard *</u>	<u>Other Than Building Standard</u>	<u>Tenant Improvement</u>	<u>Building Shell</u>
<b>Architectural</b>				
Floor Finish	Sealed Concrete			X
Ceiling Finish	X			X
Min. Ceiling Height	18'			X
Wall Finish	X		X	
Base	X		X	
Doors and Hardware	X	(2) 12'x16' Overhead Doors and One Personnel Door	X	
Window Covering	N/A			
<b>Security</b>				
Security	X	Alarms required at entries	X	X
<b>Electrical</b>				
Electrical Power	X	Allow for overhead door operation		X
Electrical Outlets	X		X	
Data/IT	X		X	
Communications	X	4 Telephone Outlets	X	
Lighting FC	X	to be determined during design		X
Lighting Controls	X	Occupancy Sensors		X
<b>HVAC</b>				
Distribution	X			X
Controls	X			X
Specialized Exhaust		Required	X	
<b>Plumbing</b>				
		Connections for restroom or proximity to restroom		X
<b>Fire Systems</b>				
	X			X
<b>Other</b>				
		Restroom or proximity to restroom		X

\* Refer to SFO for additional description of building standard requirements

Test Fit – Short Term Storage



*[Handwritten signature]*